

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY  
(SUPPLEMENTAL SHEET)

International application No.

PCT/DE2005/000685

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Re Box V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Reference is made to the following documents:

D1: DE4032292  
D2: FR2698515  
D3: FR2686762  
D4: DE19909530

2. The present application does not meet the requirements of PCT Article 33(1) because the subject matter of claims 1, 12 and 15 is not novel within the meaning of PCT Article 33(2).

Document D1 discloses a circuit arrangement for operating high-pressure discharge lamps (abstract), the circuit arrangement having the following features,

- a voltage converter (figure 3; 412c, 412a) for generating an AC voltage (column 3, lines 65 - 67),
- a transformer (figure 3; 413) having a secondary winding, which is connected to the voltage converter or is formed as part of the voltage converter,
- a load circuit, which is fed by the secondary winding (figure 3, 416, 417 to 12D) of the transformer and has terminals for a high-pressure discharge lamp (figure 3; 12D) and the ignition voltage output of a pulse ignition apparatus (figure 3; 131), which serves the purpose of

igniting the gas discharge in the high-pressure discharge lamp (column 4, lines 33-36),

a series resonant circuit or a voltage-multiplying cascade circuit or a symmetrical voltage-doubling circuit or the combination of a series resonant circuit with a voltage-multiplying cascade circuit or a symmetrical voltage-doubling circuit being provided for the purpose of supplying voltage to the pulse ignition apparatus (column 4; lines 1-5) during the ignition phase of the high-pressure discharge lamp.

The subject matter of the claims is therefore not novel.

Note:

- 1) The subject matter of the claims is not novel over D2 and D3. D2 shows (figure 5 and figure 6) a series resonant circuit (D1, C1 and Tr). D3 also shows a series resonant circuit (figure 4; 23).
- 2) The subject matter of the claims is not novel over D4. D4 shows (figure 4) an ignition apparatus (Z) with a cascade circuit (C10-D13) in order to have voltage multiplication of the voltage converter (W).
3. The dependent claims do not contain any features which, in combination with the features of any claim to which they refer, meet the PCT requirements for novelty and inventive step.
4. The application does not meet the requirements of PCT Article 6 because claim 6 is unclear.

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The claim relates to claim 2. In claim 6, an element is mentioned with a **definite article** ("The capacitor"), without this element having been defined previously in claim 2.